

IN THE CLAIMS:

Please cancel claims 12-14 and 17-25 without prejudice.

Please amend claim 2 in "clean" format, as follows:

2. (Amended twice) An X-ray image radiographing method of radiographing an object of a breast, comprising using an X-ray tube having a size D of focal spot defined by the following formula:

$$30 \mu\text{m} \leq D \leq 1000 \mu\text{m};$$

setting a distance R1 between the X-ray tube and an object of a breast so as to be within a range defined by the following formula:

$$(D-7)/200 \text{ m} \leq R1 \leq 10 \text{ m}; \text{ and}$$

setting a distance R2 between the object and an X-ray detector so as to be within a range defined by the following formula:

$$0.15 \text{ m} \leq R2 \leq 1.4 \text{ m}.$$